

# Sign2Speech - *The sign language has never been so simple to understand!*

Edwin NIOGRET - Matthieu NOGUERON - Reatha TITH

How to dialog with signing people when you don't know the sign language?

Sign2Speech can do the job !



## 1 Gesture recognition:

Sign2Speech is able to recognize a gesture done in front of an Intel RealSense Camera and translate it into the corresponding word.

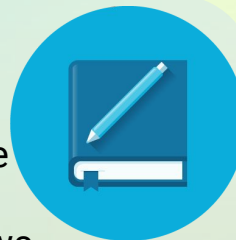
*Sign and S2S will transform it into a word!*



## 2 Learning mode:

Each word is stored in a dictionary but if the word is not in it, what could one do to recognize it? Sign2Speech comes with a learning mode that allows the user to add new words to the dictionary in order to reuse them into the gesture recognition mode.

*Sign and S2S will learn from you!*



## 3 Chat Application:

The web application allows users to dialog with signing people through a Skype-like application. Each time the mute contact signs the translation is sent to the chat and displayed as a subtitle. Then not signing people can respond by text message.

*Sign and S2S will show the word that you said!*

